Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Currently Amended) A traffic information calculation device, comprising:

vehicle information acquisition ~~means that acquires~~unit configured to acquire vehicle information from a plurality of vehicles, the vehicle information including ~~a~~positions of ~~a~~the plurality of vehicles, and ~~a~~times at which the positions of the plurality of vehicles are acquired;

branch determination ~~means that determines, from a position of an intersection on a map database and the vehicle information, a branch~~unit configured to determine a direction of ~~the a~~vehicle ~~at the~~of the plurality of vehicles exiting an intersection based on (1) a position of the intersection stored in a map database and (2) the vehicle information of the vehicle, the vehicle capable of exiting the intersection in more than two directions; and

intersection traffic information calculation ~~means that calculates~~unit configured to calculate, from the vehicle information of the plurality of vehicles, a waiting time or a jam length at the intersection for each of the ~~branch~~more than two directions.

2.   (Currently Amended) The traffic information calculation device according to claim 1, characterized in that the intersection traffic information calculation ~~means~~unit calculates the waiting time or the jam length at the intersection for each of the ~~branch~~more than two directions using a driving speed of each of the plurality vehicles derived from the vehicle information.

3.   (Currently Amended)   The traffic information calculation device according to claim 2, characterized in that the driving speed of each of the plurality vehicles is derived based on at least either a vehicle speed pulse signal or positioning satellite information.

4.   (Currently Amended)   A traffic information calculation ~~method,~~method comprising:

acquiring vehicle information ~~including a~~ from a plurality of vehicles, the vehicle information including positions of ~~a~~ the plurality of vehicles and ~~a~~ times at which the positions of the plurality of vehicles are acquired,

determining~~, from a position of an intersection on a map database and the vehicle information, a branch~~ a direction of ~~the~~ a vehicle ~~at the~~ of the plurality of vehicles exiting an intersection based on (1) a position of the intersection stored in a map database and (2) the vehicle information of the vehicle, the vehicle capable of exiting the intersection in more than two directions, and

calculating, from the vehicle information of the plurality of vehicles, a waiting time or a jam length at the intersection for each of the ~~branch~~ more than two directions.

5.   (Currently Amended)   A traffic information display method in which an intersection is displayed on a map, and in accordance with ~~the~~ an intersection on the map having more than two directions along which a vehicle may exit the intersection, a waiting time or a jam length at the intersection is displayed for ~~every branch~~ each of the more than two directions, the waiting time or the jam length at the intersection being calculated from vehicle information acquired from a plurality of vehicles, the waiting time or the jam length calculated for each of the more than two directions, the vehicle information including positions of the plurality of vehicles and times at which the positions of the plurality of vehicles are acquired.

6.   (Currently Amended)   A traffic information display device, comprising: cartographic information storage means that stores cartographic information including an intersection from which a vehicle may exit in more than two directions, and display means that displays, in accordance with the intersection on a map stored in the cartographic information storage means, a waiting time or a jam length at the intersection for ~~every branch~~ each of the more than two directions, the waiting time or the jam length at the intersection being calculated from vehicle information acquired from a plurality of vehicles, the vehicle information including positions of the plurality of vehicles and times at which the positions of the plurality of vehicles are acquired.